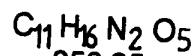
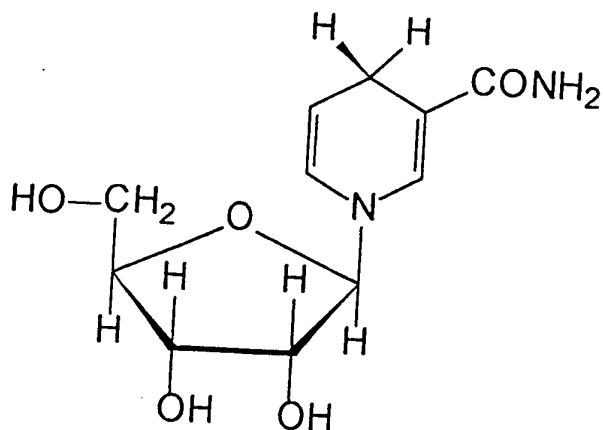


Fig. 1



256.25

256.105921

C 51.6% H 6.3% N 10.9% O 31.2%

Fig. 2

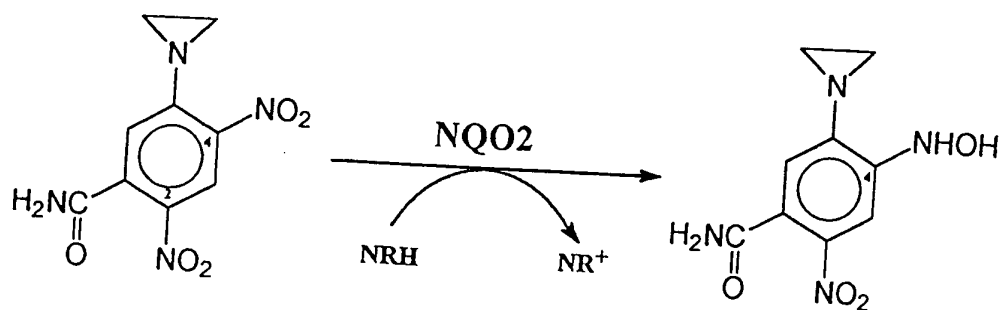


Fig. 3

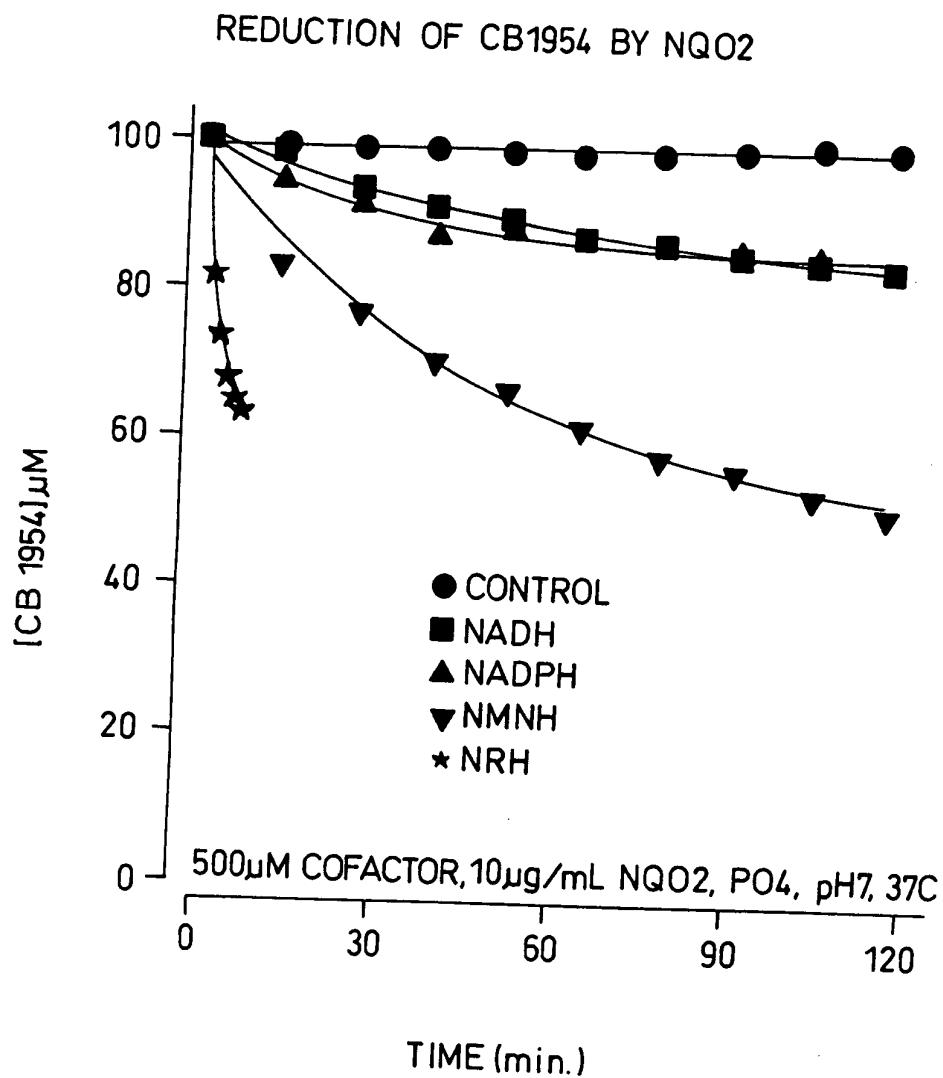


Fig. 4

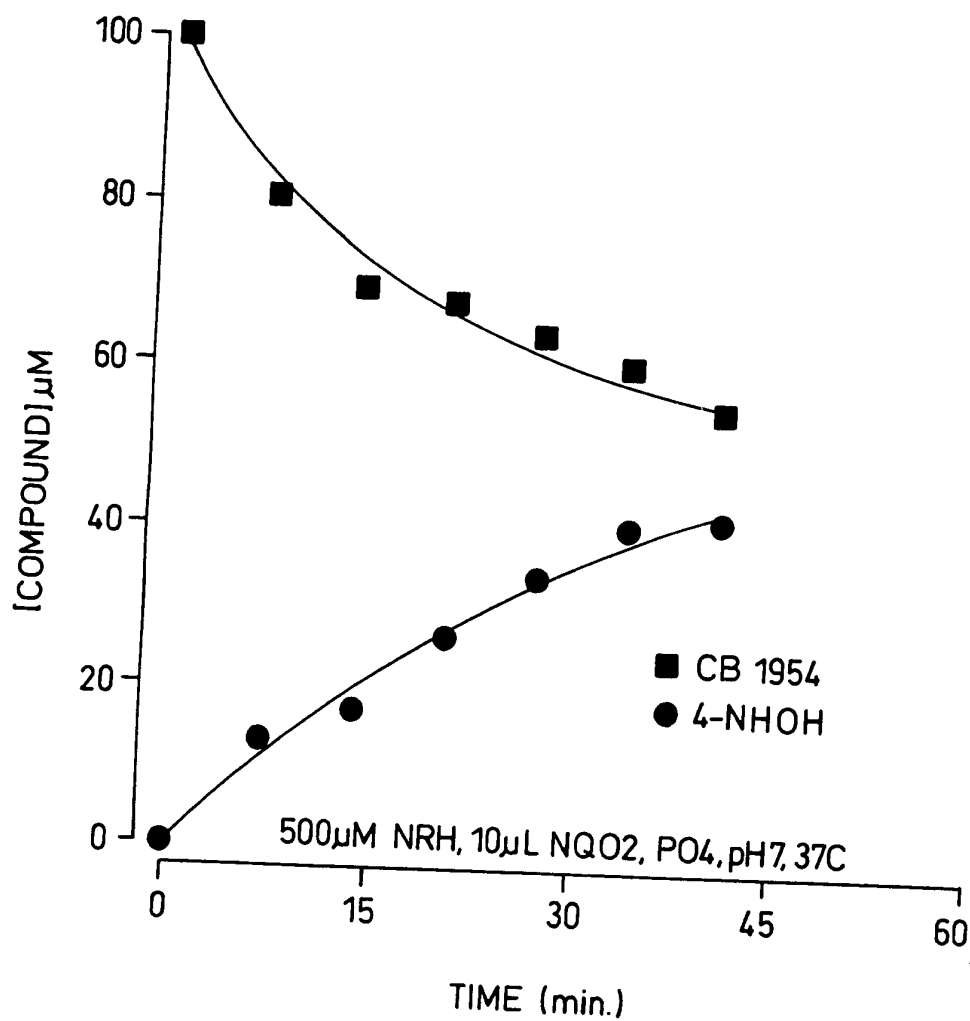
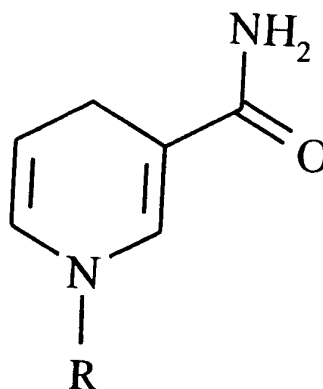


Fig. 5

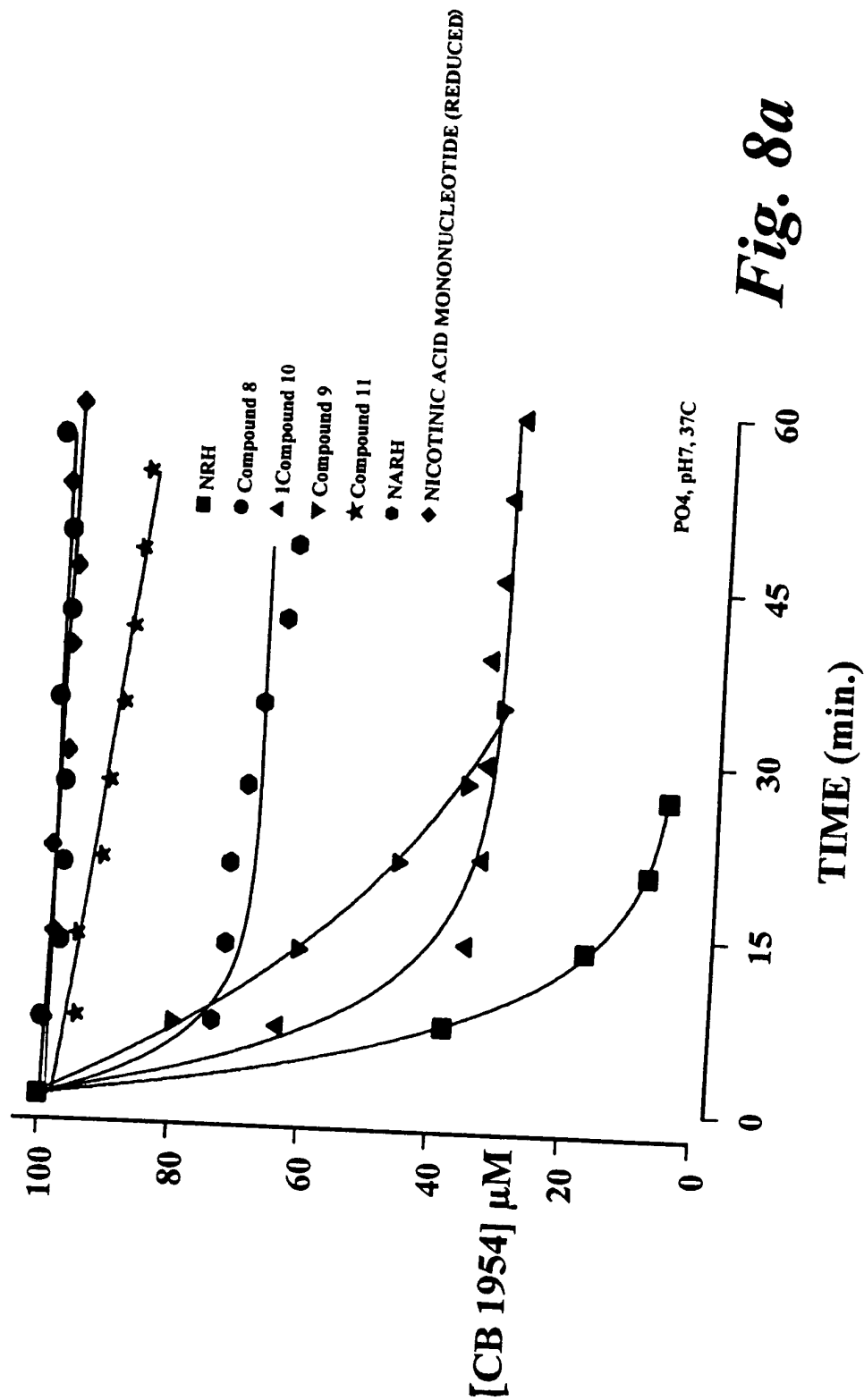
B
ATGGCAGGTAAGAAAGTACTCAATTGTCTATGCACACAGGAACCAAGTCTTTCAACGGATCCTTGAAGA
M A G K K V L I V Y A H Q E P K S F N G S L K N 245
ATGTGGCTGTAGATGAACGTAGCAGGCGAGGGCTGCACCGTCACAGTGTCTGTGATTGTATGCCATGAACCTT
V A V D E L S R Q G C T V T V S D L Y A M N F 315
TGAGCCGAGGGCCACAGACAAAGATATCACTGGTACTCTTTCTAATCCTGAGGTTTCAATATATGGAGTG
V P R A T D K D I T G T L S N P E V F N Y G V 385
GAAACCCACGAAGCCCTACAGCAAGCAAGGTCTCTGGCTAGCGACATCACTGATGAGCAGAAAAAGGTTCCGGG
E T H E A Y K Q R S L A S D I T D E Q K K V R E 455
AGGCTGACCTAGTGATATTTCAAGTTCCCGCTGTACTGGTTCAGCGTCCGCCCATCTGAAGGGCTGGAT
A D L V I F Q F P L Y W F S V P A I L K G W M 525
GGATAGGCTGTGTGCCAGGGCTTTGCTTTGACATCCAGGATTTCTACGATTCCTGGTTTCTCCAGGGT
D R V L C Q G G F A F D I P G F Y D S G L L Q G 595
AACTAGCGCTCCTTTCCGTAACCAACGAGGCGACGGCCGAGATGTACACGAAGACAGGAGTCAATGGAG
K L A L L S V T T G G T A E M Y T K T G V N G D 665
ATTCTCGATACTTCTGTGGCCACTCCAGCATGGCACATTACACTTCTGTGGATTAAAGTCTTGTCCCC
S R Y F L W P L Q H G T L H F C G F K V L A P 735
TCAGATCAGCTTTGCTCCTGAAATTGCATCCGAAGAAGAAAGGGGATGGTGGCTGCGTGGTCCCCAG
Q I S F A P E I A S E E R K G M V A A W S Q 805
AGGTGCAGACCATCTGGAAGGAAGAGCCCATCCCTGACACCCCACTGGCACTTCGGGCAATAACT
R L Q T I W K E E P I P C T A H W H F G Q < 873
231

Fig. 6



Compound number	R
1	-CH ₂ CH ₂ CH ₂ SO ₃ ⁻
2	-CH ₂ CONH ₂
3	-CH ₂ CH ₂ CH ₃
4	-CH(CH ₃) ₂
5	-CH ₂ CH ₂ CH ₂ OH
6	-CH ₂ CH ₂ OH
7	-CH ₂ CH ₂ COOH
8	-CH ₂ C ₆ H ₅
9	-CH ₃
10	-CH ₂ CH ₃
11	-CH ₂ CH ₂ C ₆ H ₅

Fig. 7



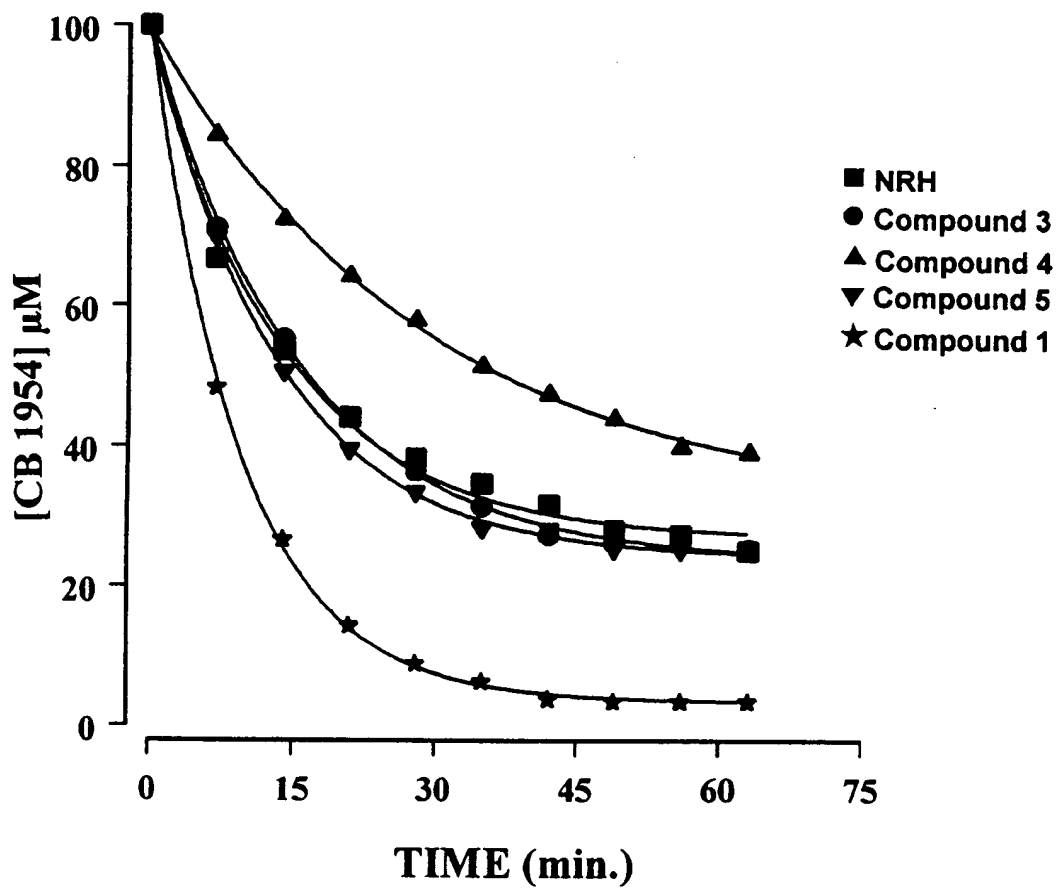


Fig. 8b

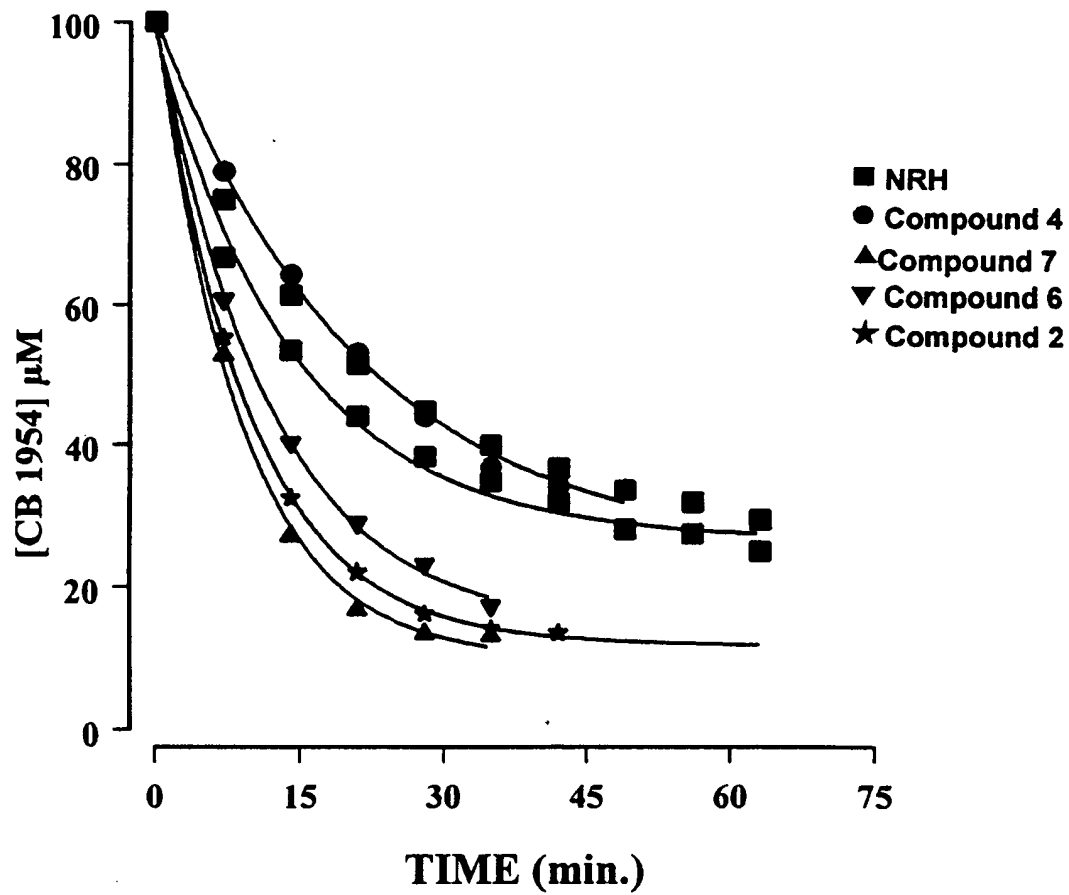


Fig. 8c

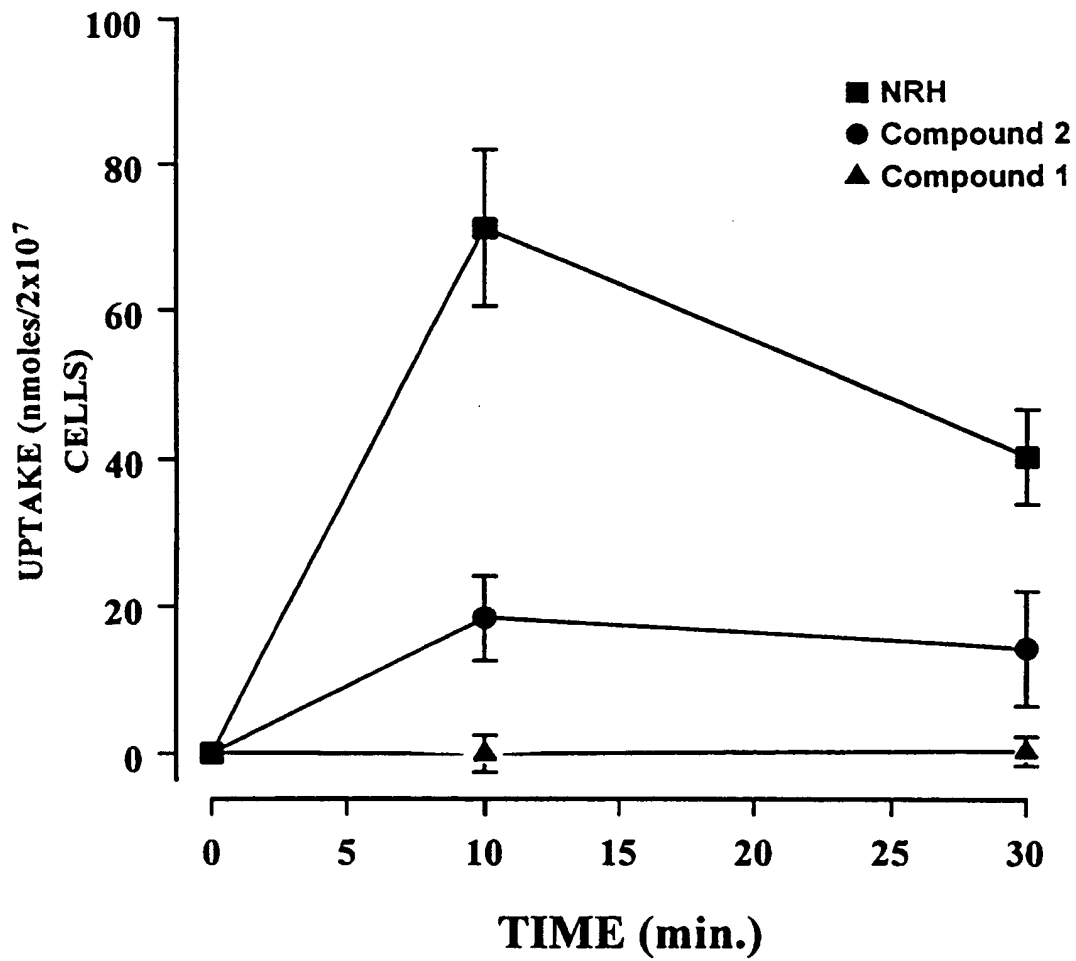


Fig. 9

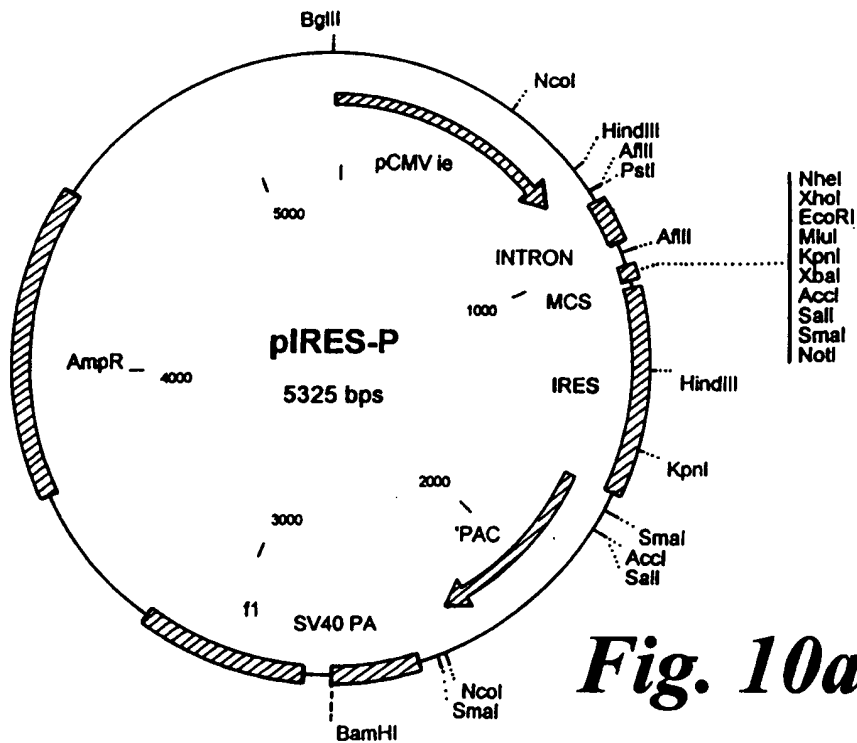


Fig. 10a

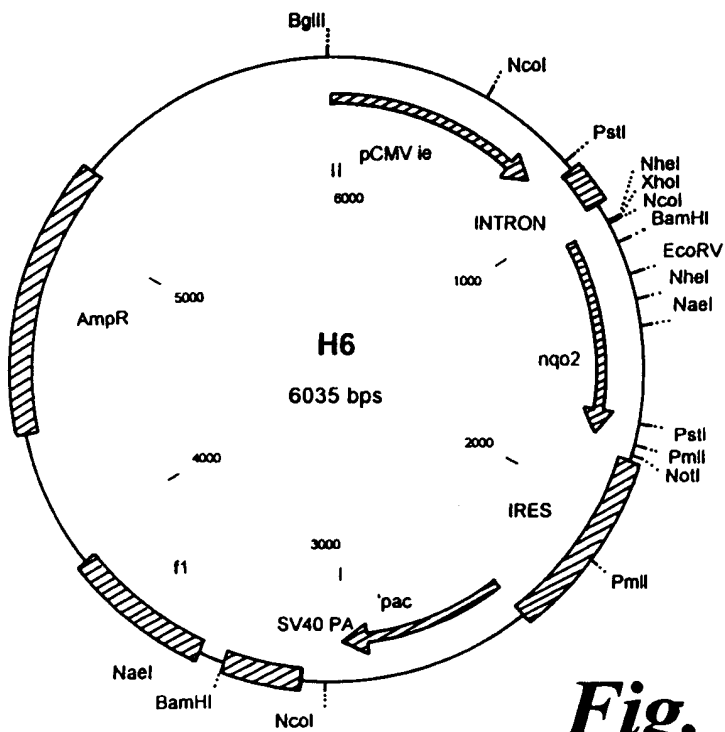


Fig. 10b

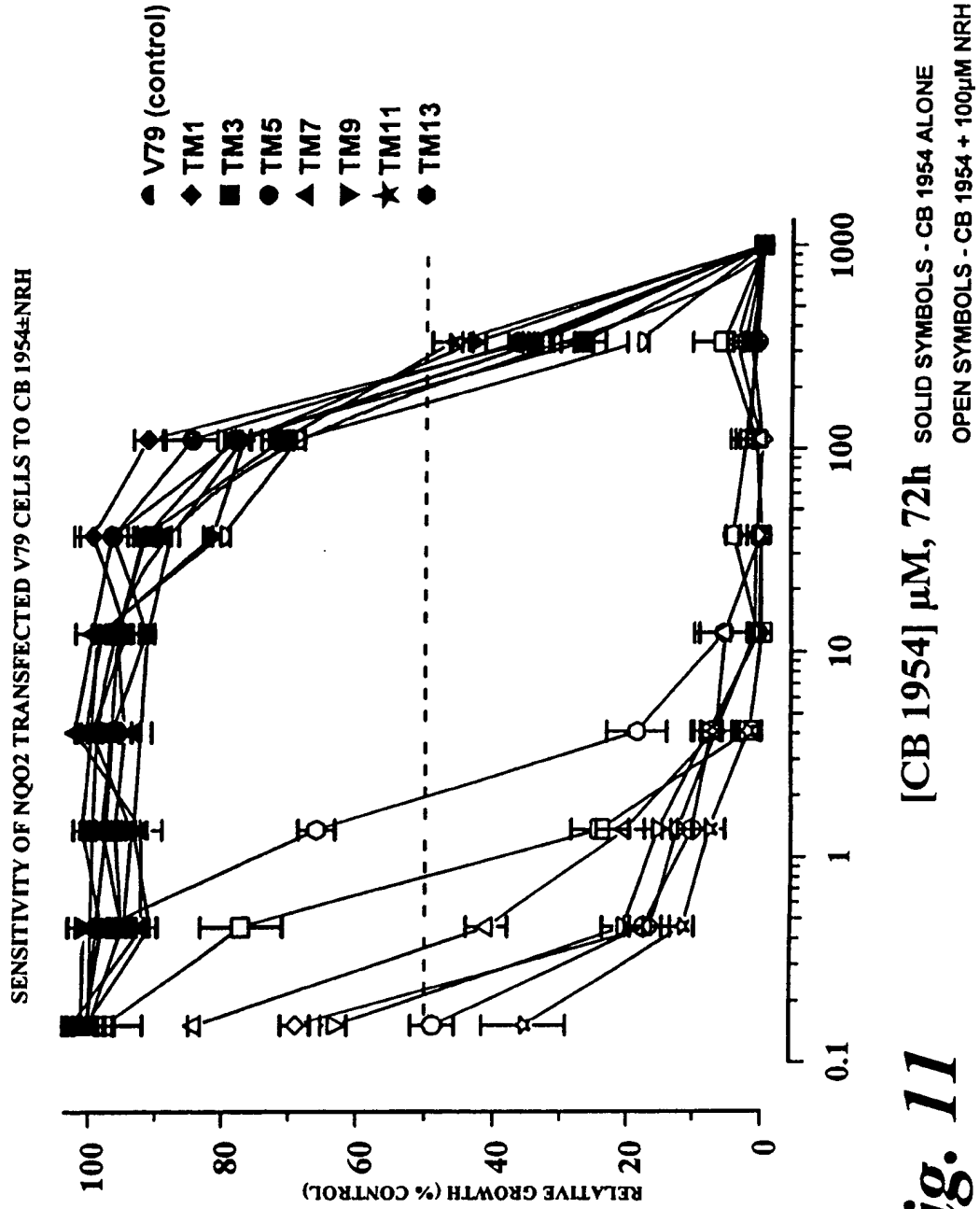


Fig. 11

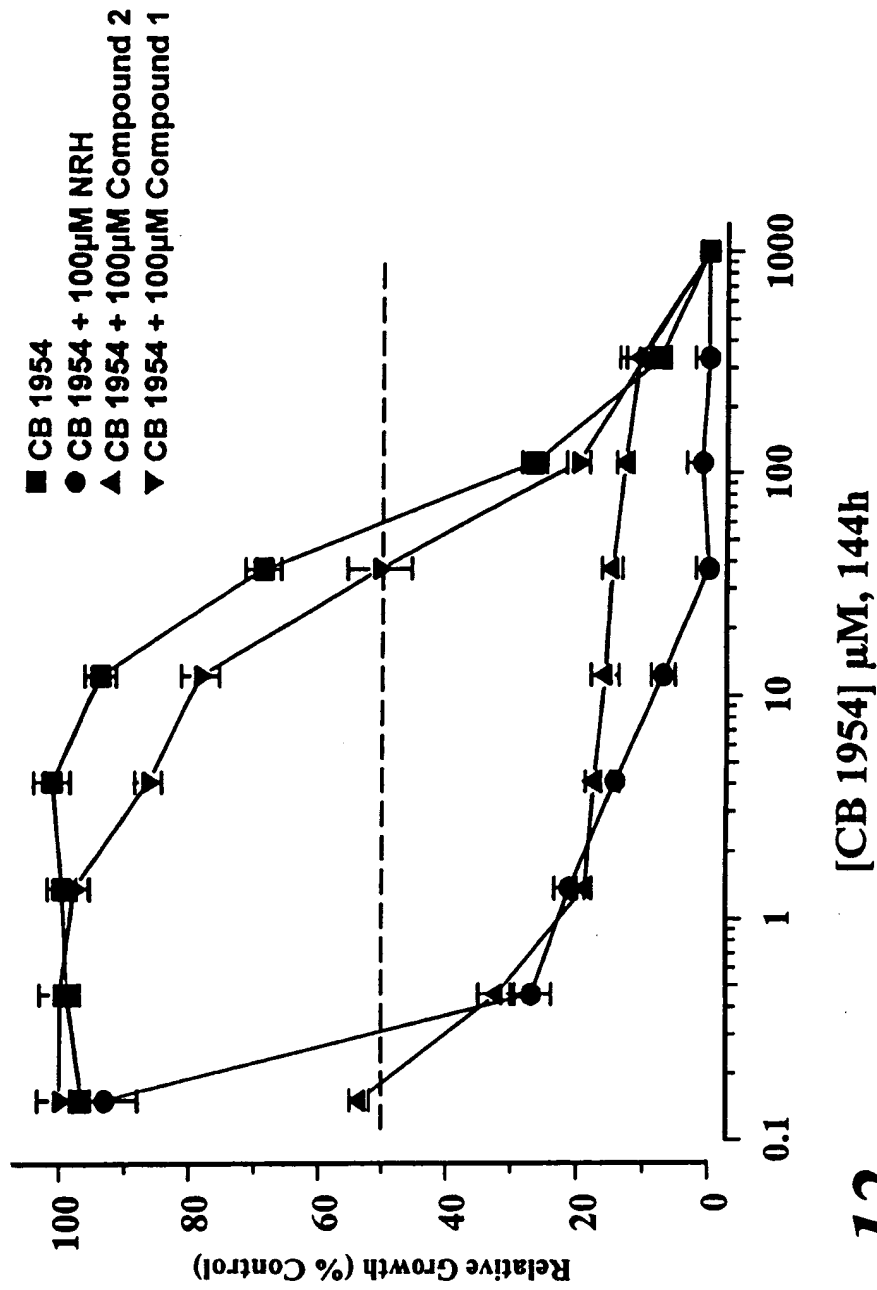


Fig. 12

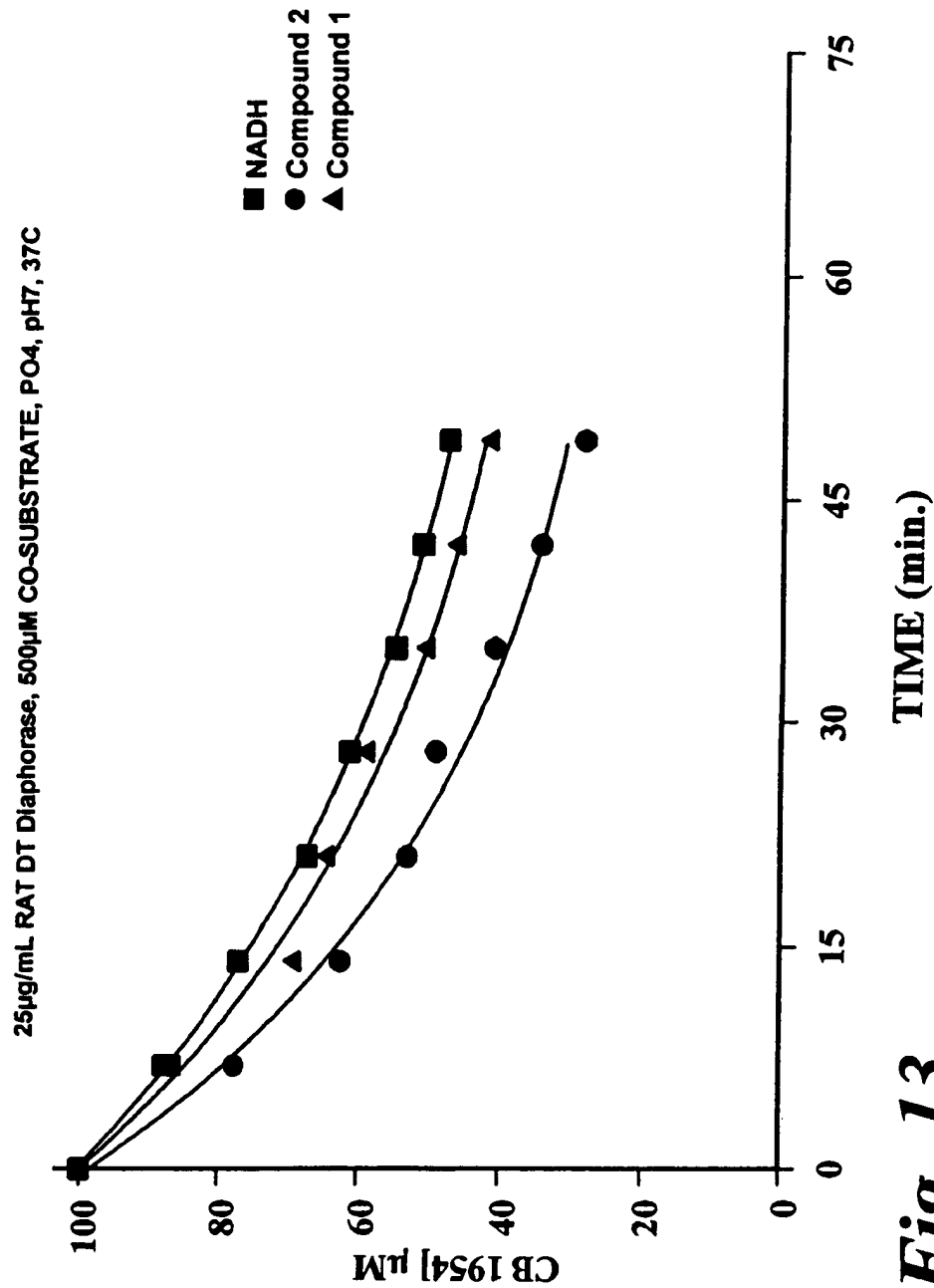


Fig. 13

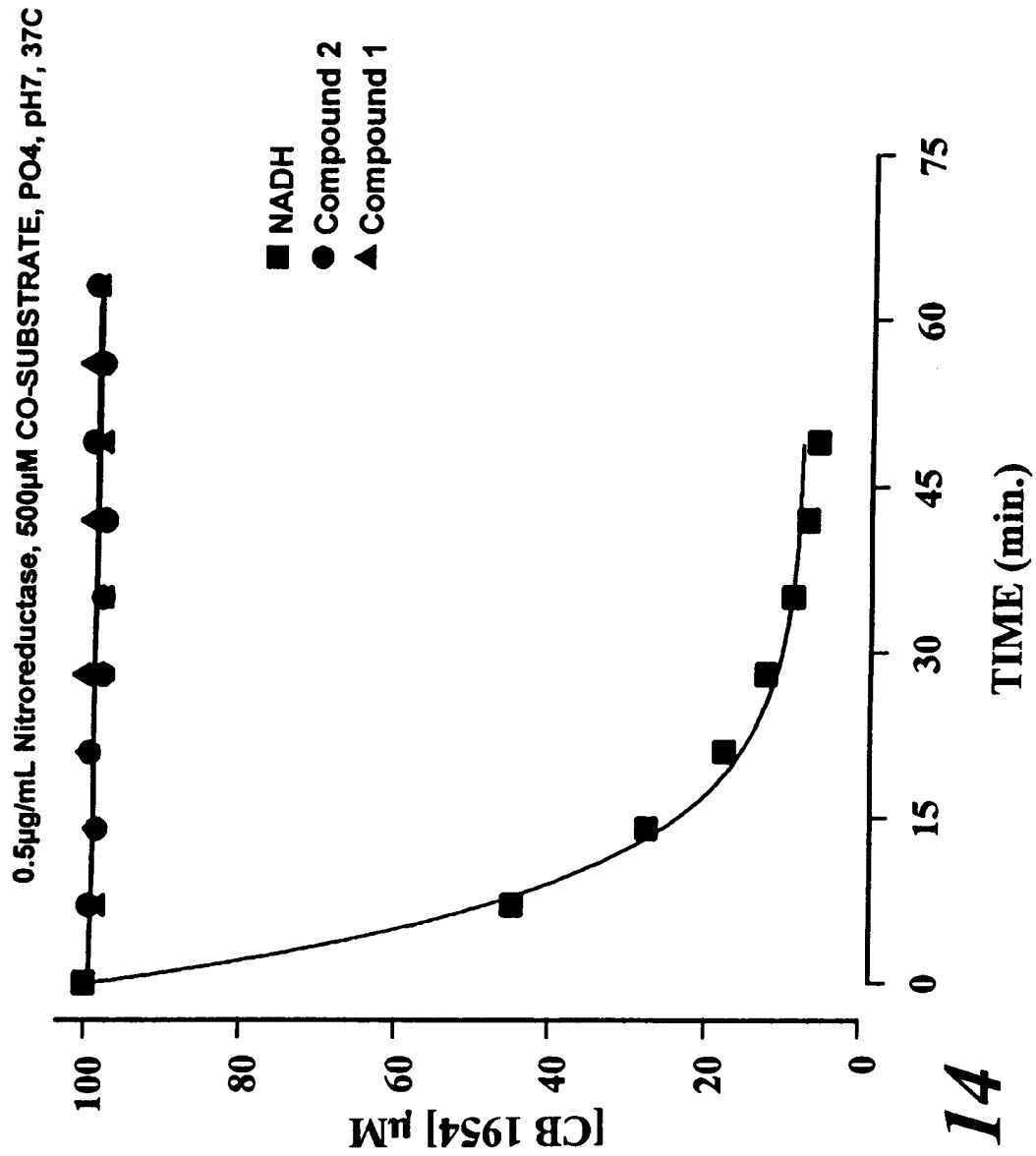


Fig. 14

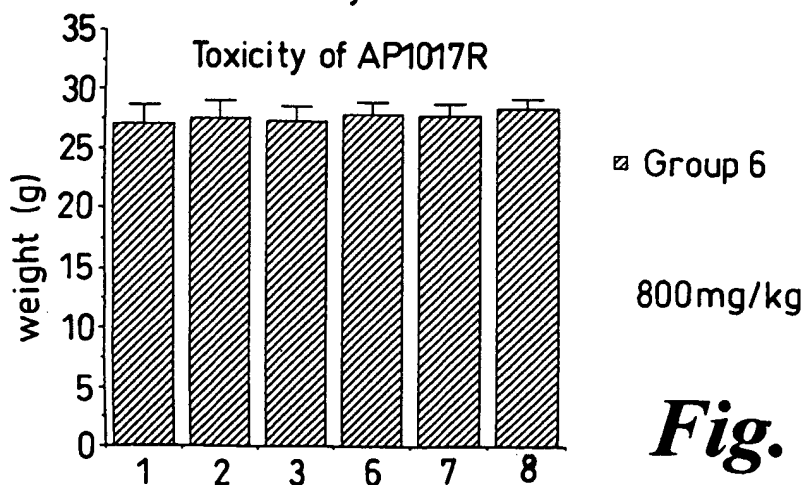
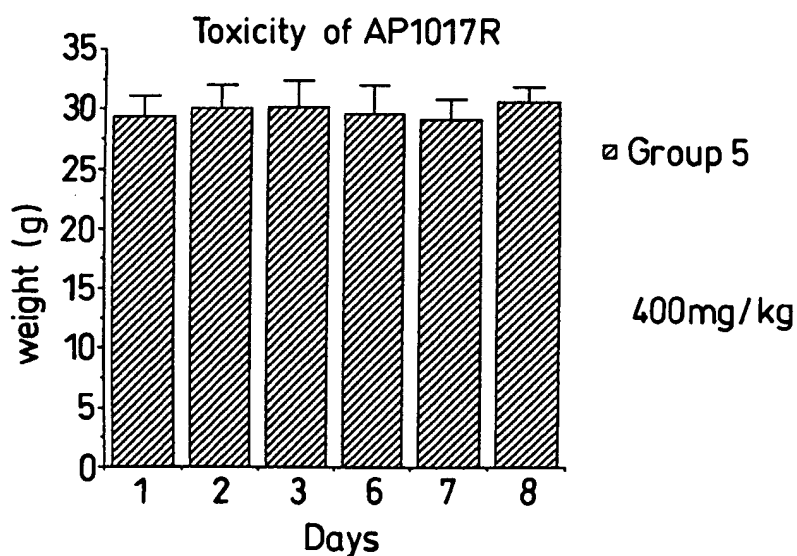
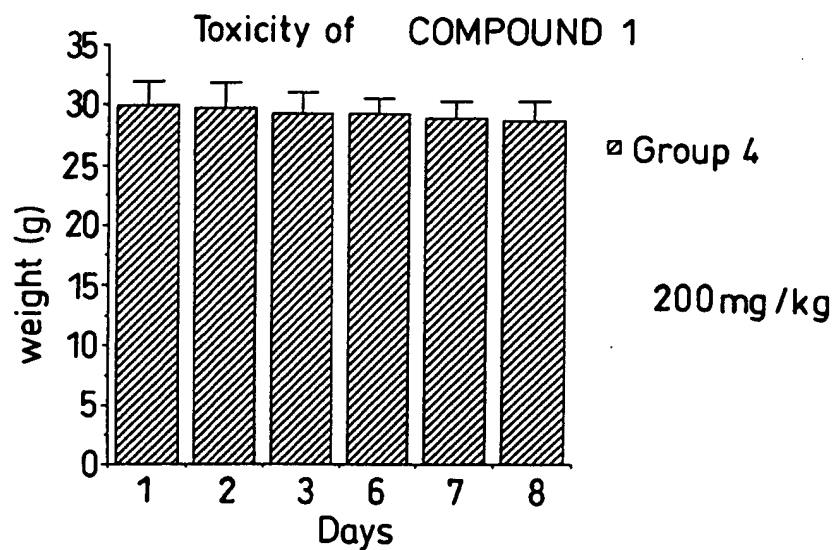


Fig. 15

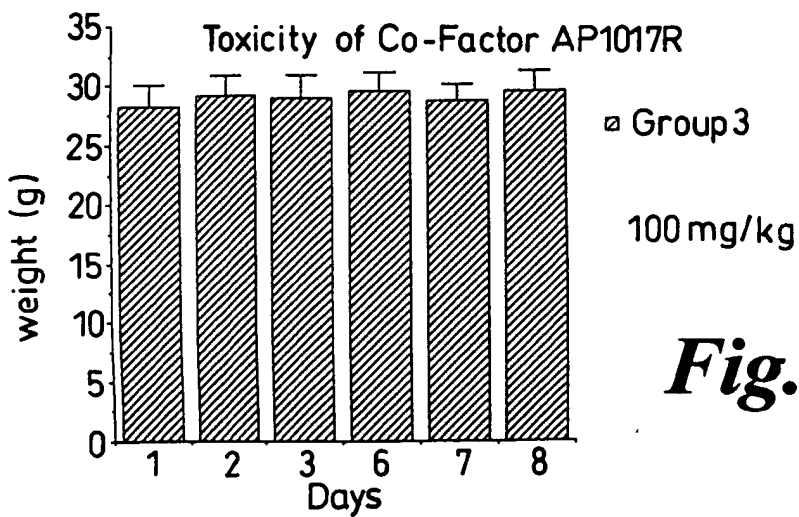
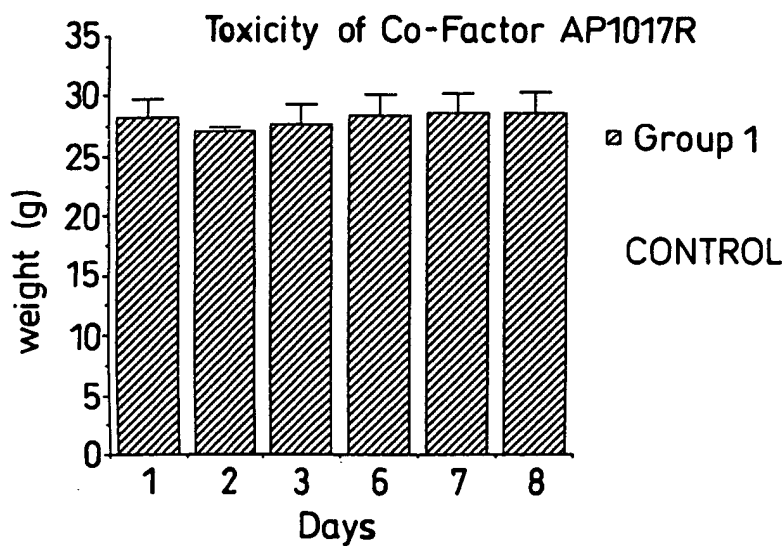
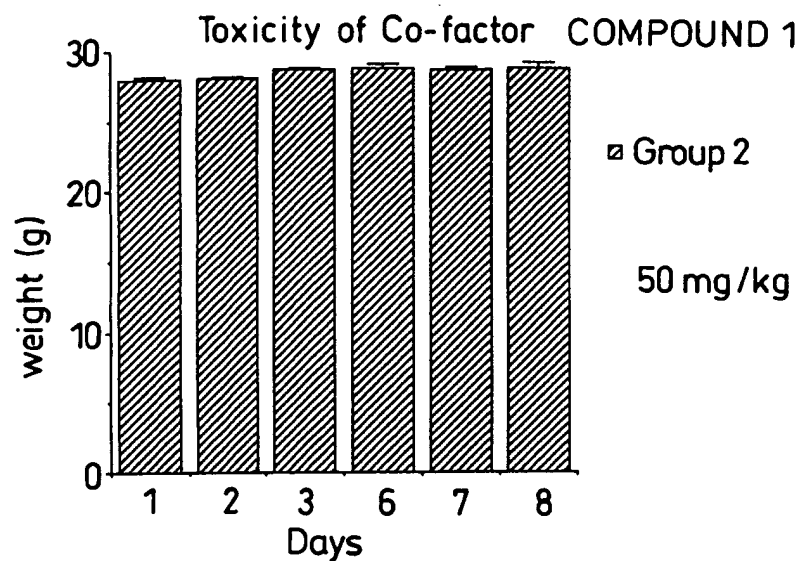


Fig. 16

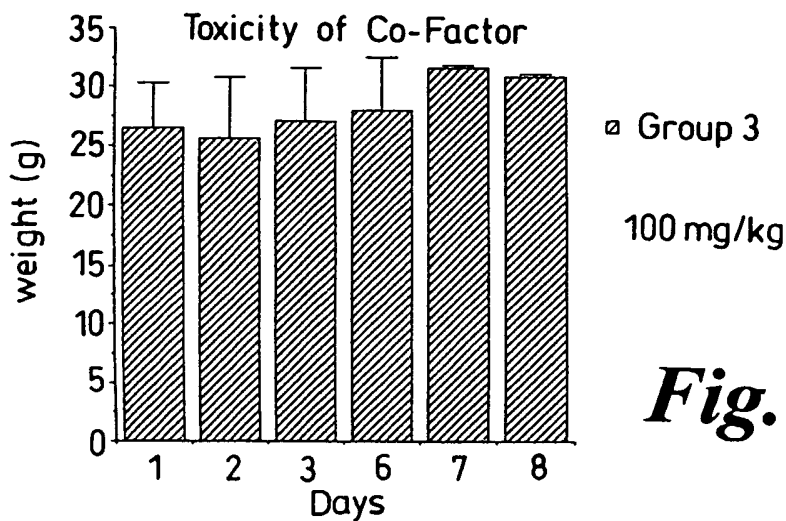
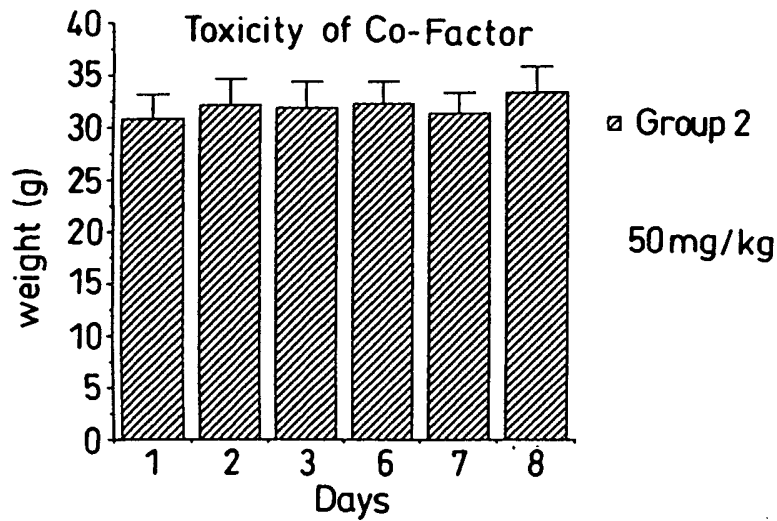
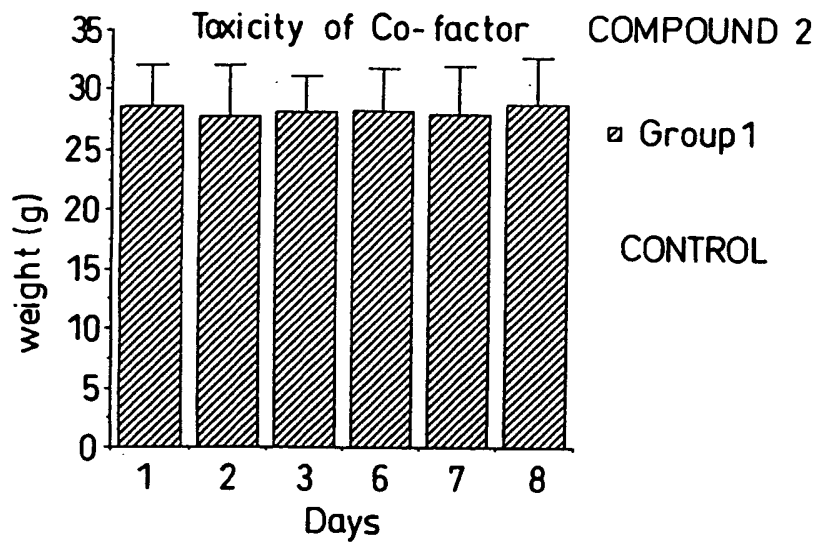


Fig. 17

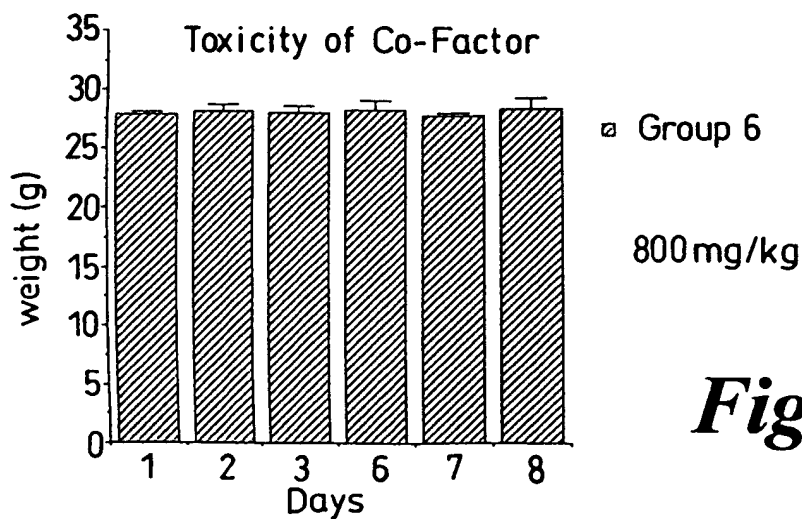
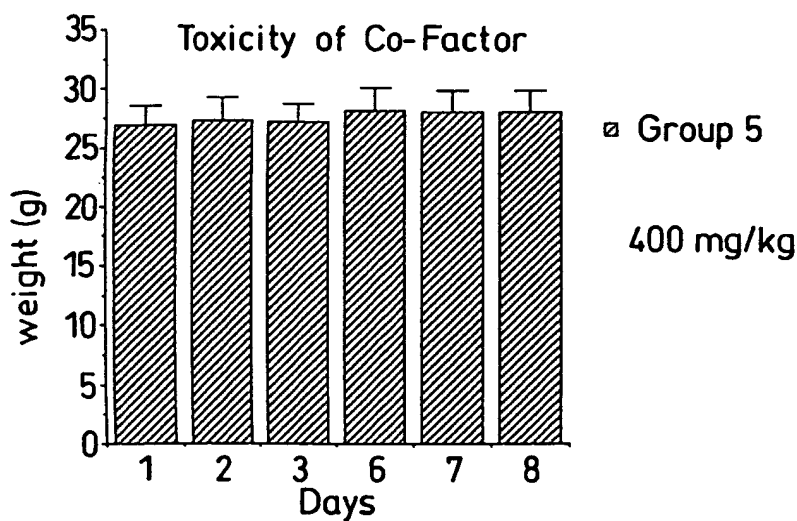
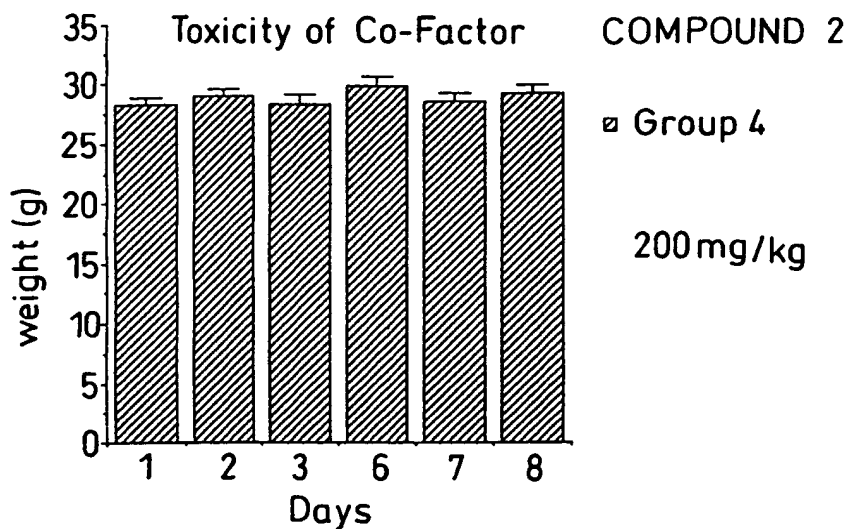


Fig. 18